## SEQUENCE LISTING

	Rohm and Haas Company Padidam, Malla							
<120>	A method to reduce transcriptional interference between tandem	gene						
<130>	A01183							
<150>	US 60/268,584							
<151>	2001-02-14							
<160>	4							
<170>	PatentIn version 3.1							
<210>	1							
<211>	154							
<212>	DNA							
<213>	> Artificial Sequence							
<220>								
<400>	1							
aataaaa	atat ctttattttc attacatctg tgtgttggtt ttttgtgtga atcgatagta	60						
ctaacat	acg ctctccatca aaacaaaacg aaacaaaaca aactagcaaa ataggctgtc	120						
cccagto	gcaa gtgcaggtgc cagaacattt ctct	154						
<212>	2 702 DNA Bacteriophage lambda							
<400>	2							
ggtaaco	egte gtattecegg egegtttatt eageaactga aaaatggeeg gtggeatgte	60						
atgcago	egtg tggctgggaa aaaccgttac cccattgatg tggtgaaaat cccgatggcg	120						
gtgccgc	ctga ccacggcgtt taaacaaaat attgagcgga tacggcgtga acgtcttccg	180						
aaagagc	ctgg gctatgcgct gcagcatcaa ctgaggatgg taataaagcg atgaaacata	240						
ctgaact	ccg tgcagccgta ctggatgcac tggagaagca tgacaccggg gcgacgtttt	300						
ttgatgg	gtog coccgotgtt titgatgagg oggattitoc ggcagtigec gittatotca	360						
ceggege	etga atacacgggc gaagagetgg acagegatac etggcaggeg gagetgeata	420						
tcgaagt	ttt cetgeetget caggtgeegg atteagaget ggatgegtgg atggagteec	480						

ggatttatcc ggtgatgagc gatatcccgg cactgtcaga tttgatcacc agtatggtgg 540 ccagcggcta tgactaccgg cgcgacgatg atgcgggctt gtggagttca gccgatctga 600 cttatgtcat tacctatgaa atgtgaggac gctatgcctg taccaaatcc tacaatgccg 660 gtgaaaggtg ccgggaccac cctgtgggtt tataagggga gc 702 <210> 3 1519 <212> DNA <213> Bacteriophage lambda <400> gcetteaege tteataegeg ggteatagtt ggeaaagtae eaggeatttt ttegegteae 60 120 ccacatgctg tactgcacct gggccatgta agctgacttt atggcctcga aaccaccgag 180 ceggaactte atgaaateee gggaggtaaa egggeattte agtteaagge egttgeegte actgcataaa ccatcgggag agcaggcggt acgcatactt tcgtcgcgat agatgatcgg 240 300 ggattcagta acattcacgc cggaagtgaa ttcaaacagg gttctggcgt cgttctcgta ctgttttccc caggccagtg ctttagcgtt aacttccgga gccacaccgg tgcaaacctc 360 agcaagcagg gtgtggaagt aggacatttt catgtcaggc cacttctttc cggagcgggg 420 480 ttttgctatc acgttgtgaa cttctgaagc ggtgatgacg ccgagccgta atttgtgcca cgcatcatcc ccctgttcga cagctctcac atcgatcccg gtacgctgca ggataatgtc 540 600 eggtgteatg etgeeacett etgetetgeg getttetgtt teaggaatee aagagetttt 660 actgcttcgg cctgtgtcag ttctgacgat gcacgaatgt cgcggcgaaa tatctgggaa 720 cagageggea ataagtegte atcceatgtt ttatccaggg egateageag agtgttaate 780 tectgeatgg ttteategtt aaceggagtg atgtegegtt eeggetgaeg ttetgeagtg 840 tatgcagtat tttcgacaat gcgctcggct tcatccttgt catagatacc agcaaatccg 900 aaggccagac gggcacactg aatcatggct ttatgacgta acatccgttt gggatgcgac 960 tgccacggcc ccgtgatttc tctgccttcg cgagttttga atggttcgcg gcggcattca 1020 tocatocatt oggtaacgca gatoggatga ttacggtoot tgoggtaaat coggcatgta

caggattcat tgtcctgctc aaagtccatg ccatcaaact gctggttttc attgatgatg

cgggaccagc catcaacgcc caccaccgga acgatgccat tetgettate aggaaaggcg

1080

1140

taaatttctt	tcgtccacgg	attaaggccg	tactggttgg	caacgatcag	taatgcgatg	120
aactgcgcat	cgctggcatc	acctttaaat	gccgtctggc	gaagagtggt	gatcagttcc	1260
tgtgggt cga	cagaatccat	gccga cacgt	tcagccagct	tcccagccag	cgttgcgagt	1320
gcagtactca	ttcgttttat	acctctgaat	caatatcaac	ctggtggtga	gcaatggttt	1380
caaccatgta	ccggatg <b>t</b> gt	tctgccatgc	gctcctgaaa	ctcaacatcg	tcatcaaacg	1440
cacgggtaat	ggatttttg	ctggccccgt	ggcgttgcaa	atgatcgatg	catagcgatt	1500
caaacaggtg	ctggggcag					1519
,		lambda				
<400> 4 aagcttttct	aatttaacct	ttgtcaggtt	accaactact	aaggttgtag	gctcaagagg	60
gtgtgtcctg	tcgtaggtaa	ataactgacc	tgtcgagctt	aatattctat	attgttgttc	120
tttctgcaaa	aaagtgggga	agtgagtaat	gaaattattt	ctaacattta	tctgcatcat	180
accttccgag	catttattaa	gcatttcgct	ataagttctc	gctggaagag	gtagttttt	240
cattgtactt	taccttcatc	tctgttcatt	atcatcgctt	ttaaaacggt	tcgaccttct	300
aatcctatct	gaccattata	attttttaga	atggtttcat	aagaaagctc	tgaatcaacg	360
gactgcgata	ataagtggtg	gtatccagaa	tttgtcactt	caagtaaaaa	cacctcacga	420
gttaaaacac	ctaagttctc	accgaatgtc	tcaatatccg	gacggataat	atttattgct	480
tctcttgacc	gtaggacttt	ccacatgcag	gattttggaa	cctcttgcag	tactactggg	540
gaatgagttg	caattattgc	tacaccattg	cgtgcatcga	gtaagtcgct	taatgttcgt	600
aaaaaag cag	agagcaaagg	tggatgcaga	tgaacctctg	gtt catcgaa	taaaactaat	660
gacttttcgc	caacgacatc	tactaatctt	gtgatagtaa	ataaaacaat	tgcatgtcca	720
gagctcattc	gaagcagata	tttctggata	ttgtcataaa	acaatttagt	gaatttatca	780
tcgtccactt	gaatctgtgg	ttcattacgt	cttaactctt	catatttaga	aatgaggctg	840
atgagttcca	tatttgaaaa	gttttcatca	ctacttagtt	ttttgatagc	ttcaagccag	900

960

agttgtcttt ttctatctac tctcatacaa ccaataaatg ctgaaatgaa ttctaagcgg

agatcgccta gtgattttaa actattgctg gcagcattct tgagtccaat ataaaagtat tgtgtacctt ttgctgggtc aggttgttct ttaggaggag taaaaggatc aaatgcacta 1080 aacgaaactg aaacaagcga tcgaaaatat ccctttggga ttcttgactc gataagtcta 1140 ttattttcag agaaaaaata ttcattgttt tctgggttgg tgattgcacc aatcattcca 1200 ttcaaaattg ttgttttacc acacccattc cgcccgataa aagcatgaat gttcgtgctg 1260 ggcatagaat taaccgtcac ctcaaaaggt atagttaaat cactgaatcc gggagcactt 1320 tttctattaa atgaaaagtg gaaatctgac aattctggca aaccatttaa cacacgtgcg 1380 aactgtccat gaatttctga aagagttacc cctctaagta atgaggtgtt aaggacgctt 1440 tcattttcaa tgtcggctaa tcgatttggc catactacta aatcctgaat agctttaaga 1500 aggttatgtt taaaaccatc gcttaatttg ctgagattaa catagtagtc aatgctttca 1560 cctaaggaaa aaaacatttc agggagttga ctgaattttt tatctattaa tgaataagtg 1620 cttacttctt ctttttgacc tacaaaacca attttaacat ttccgatatc gcatttttca 1680 ccatgctcat caaagacagt aagataaaac attgtaacaa aggaatagtc attccaacca 1740 tctgctcgta ggaatgcctt attttttct actgcaggaa tatacccgcc tctttcaata 1800 acactaaact ccaacatata gtaaccctta attttattaa aataaccgca atttatttgg 1860 cggcaacaca ggatctctct tttaagttac tctctattac atacgttttc catctaaaaa 1920 ttagtagtat tgaacttaac ggggcatcgt attgtagttt tccatattta gctttctgct 1980 teettttgga taacecaetg ttatteatgt tgeatggtge aetgtttata eeaaegatat 2040 . 2100 agtctattaa tgcatatata gtatcgccga acgattagct cttcaggctt ctgaagaagc gtttcaagta ctaataagcc gatagatagc cacggacttc gtagccattt ttcataagtg 2160 2220 ttaacttccg ctcctcgctc ataacagaca ttcactacag ttatggcgga aaggtatgca tgctgggtgt ggggaagtcg tgaaagaaa gaagtcagct gcgtcgtttg acatcactgc 2280 2322 tatcttctta ctggttatgc aggtcgtagt gggtggcaca ca